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| · | Application Number | 10561244 |
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| INFORMATION DIOCE COURT | Filing Date | 2005-12-19 |
| INFORMATION DISCLOSURE | First Named Inventor Shmu | uel BUKSHPAN |
| STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Art Unit | |
| (| Examiner Name | |
| | Attorney Docket Number | BUKSHPAN4 |

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|----------------------|------------|---------------|---------------------------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
| /RK/ | 1 | 6808934 | B2 | 2004-10-26 | Mutz et al | |
| /RK/ | 2 | 6596077 | B2 | 2003-07-22 | Meyerson | |
| /RK/ | 3 | 6593118 | B2 | 2003-07-15 | Heng | |
| /RK/ | 4 | 6579358 | B2 | 2003-06-17 | Delucas | |
| /RK/ | 5 | 6537432 | B1 | 2003-03-25 | Schneider et al | |
| /RK/ | 6 | 6500933 | B1 | 2002-12-31 | Margolin et al | |
| /RK/ | 7 | 6409832 | B2 | 2002-06-25 | Weigl et al | · |
| /RK/ | 8 | 6268158 | B1 | 2001-07-31 | Pantoliano et al | |

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| Attorney Docket Number | er | BUKSHPAN4 | |

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|------|----|---------|----------|------------|-----------------|---|
| /RK/ | 9 | 5976325 | A | 1999-11-02 | Blanks | |
| /RK/ | 10 | 5728559 | A | 1998-03-17 | Nilsson et al | |
| /RK/ | 11 | 5480562 | A | 1996-01-02 | Lemelson | |
| /RK/ | 12 | 5464517 | A | 1995-11-07 | Hjerten et al | |
| /RK/ | 13 | 5451662 | A | 1995-09-19 | Naveh et al | |
| /RK/ | 14 | 5271795 | A | 1993-12-21 | Ataka et al | · |
| /RK/ | 15 | 5104478 | A | 1992-04-14 | Sikdar et al | |
| /RK/ | 16 | 5082548 | Α | 1992-01-21 | Faupel et al | |
| /RK/ | 17 | 4971670 | | 1990-11-20 | Faupel et al | |
| /RK/ | 18 | 4737232 | | 1988-04-12 | Flicstein et al | |
| /RK/ | 19 | 4495279 | | 1988-01-22 | Karpetsky et al | · |

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| Attorney Docket Number | er | BUKSHPAN4 | | | |

| /RK/ | 20 | 4243507 | | 1982-05-18 | | Biegesen et a | I | | | | |
|-----------------------|------------|--|------------------------------|-----------------|---------------|-------------------------------|--|---------------|------------|-------------|------------|
| /RK/ | 21 | 4330363 | | 1981-01-06 | | Martin et al | | | | | |
| If you wis | h to a | dd additional U.S. Pate | nt citatio | n inform | ation pl | ease click the | Add button. | | Add | | |
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| /RK/ | 1 | 20030102215 | A1 | 2003-0 | 6-05 | Bukshpan et a | al | | | | |
| If you wis | h to a | dd additional U.S. Publ | ished Ap | plication | n citatio | n information p | olease click the Add | button | Add | | |
| | | | | FOREIG | GN PAT | ENT DOCUM | ENTS | | Remove | | |
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| /RK/ | 1 | 2005054548 | wo | | A2 | 2005-06-16 | Invitrogen | | | | |
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| /RK/ | 1 | SAUTER et al, "Toward temperature," Proteins | | | | ystals grown in (| gel: the case of thaur | natin see | en at room | | |
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| Examiner Name | | | | |
| Attorney Docket Number | er | BUKSHPAN4 | | |

| Examiner Signature | /Robert Kunemund/ | Date Considered | 11/08/2007 |
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| | eference considered, whether or not citation is nance and not considered. Include copy of the | | |
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| Attorney Docket Number | er | BUKSHPAN4 | |

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| Nan | ne/Print | Roger L. Browdy | Registration Number | 25618 | | | | |

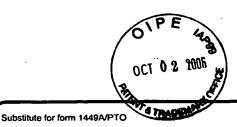
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Sheet 1 of 1

| Co | mplete if Known | | | |
|-------------------------------|---------------------|--|--|--|
| Application Number 10/561,244 | | | | |
| Filing Date | December 19, 2005 | | | |
| First Named Inventor | Shmuel BUKSHPAN | | | |
| Confirmation No. | 1608 Art Unit: 1765 | | | |
| Examiner Name | Not Yet Known | | | |
| Attorney Docket Number | BUKSHPAN=4 | | | |

| | | | U.S. PA1 | TENT DOCUMENTS | |
|-----------------------|--------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (u} trown) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| /RK/ | A21 | US 5,447,612 | 09-05-1995 | BIER et al. | |
| /RK/ | A22 | US 5,185,243 | 02-09-1993 | ULLMAN et al. | |
| /RK/ | A23 | US 6,541,606 | 04-01-2003 | MARGOLIN et al. | |
| _/RK/ | A24 | US 5,597,457 | 01-28-1997 | CRAIG et al. | |
| 7RK/ | A25 | US 6,602,391 | 08-05-2003 | SERIKOV | |
| /RK/ | A26 | US 6,344,326 | 02-05-02 | NELSON et al. | |
| | | us- | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | |
|--------------------------|--------------|---|--------------------------------|--|--|----|--|--|--|--|--|
| Examiner Initials* | Cite No.1 | Foreign Patent Number Country Code ³ Number ⁴ Kind Code ³ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | 70 | | | | | |
| /RK/ | B1 | WO 03/008977 | 01-30-2003 | Shamuel BUKSHPAN et al. | | | | | | | |
| /RK/ | B2 | EP 265214 A2 | 04-27-1988 | Brent SKELBAEK-PEDERSEN | | | | | | | |
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